

ANNUAL INDEX, Vol. 2 <<<

A

Acid mine drainage experts turn spotlight on research, July	40
Ahrenholz, H. William	
—Alabama offers post-graduate training to mining engineers, September	32
AIMM 94th annual meeting held in Chicago, May	42
Air shooting: The key to successful conventional operation (Inland Steel Co.), September	36
Alabama offers post-graduate training to mining engineers, September	32
Alabama, University of, School of Mines, University, Ala., Sept.	32
AMC releases 1965 Coal Show preliminary program, April	30
American Institute of Mining, Metallurgical and Petroleum Engineers, 94th annual meeting, May	42
American Mining Congress	
—AMC releases 1965 Coal Show preliminary program, April	30
Anderson, R. L.	
—Loading equipment sales rise, cleaning equipment drops-in '64, February	29
Are vehicle horsepower ratings under? November	34
At Beatrice prep plant: Latest techniques used to process metallurgical coal, September	24
At Beatrice mine: It's a quarter-mile down to virgin coal!, September	20
Automation	
—Britain's "mine of the future" goes into production (Bevercotes), November	16
Arshire Collieries, Chinook Mine, Clay County, Ind., October	34

B

Beatrice Pocahontas Co., Beatrice Mine, Oakwood, Va., September	20
Beatrice Pocahontas Co., Beatrice Mine prep. plant, September	24
Biggest shovel takes over at River King Mine, March	26
Bin level indicator handles variety of conditions (Quantimeter), December	32
Brace yourself—there are some rough times ahead (Comment), September	6
Bremer, T. J.	
—For best high voltage results, watch for improper termination, poor coupling, September	39
Britain points the way (Comment), November	2
Britain's "mine of the future" goes into production (Bevercotes), November	16
Bulk rockdusting promotes safety, April	22

C

Can coal bear the burden of waterway tolls? May	36
Can we control coal mine safety trends? February	26
Carman, C. O.	
—Understanding roof action is imperative in longwall mining, March	38
Charlotte Coal Co., Jefferson County, Ohio, near Bloomingdale, July	24
Cleorn, Charles G.	
—Rectifiers differ in their maintenance requirements, April	18
C&P takes the NCPC press tour, December	26
Coal and the power pools (Comment), January	4
Coal's contribution to a better America: Mined land conservation, June	28
Coal's future has a bright outlook, February	22
Coal's problems, prospects, color NCA convention, August	36
Coal Mining Institute of America, 78th annual meeting, February	37
Coal to earn larger share of future U. S. energy consumption, Part 1, April	25
Comment	
—Brace yourself—there are some rough times ahead, September	6
—Britain points the way, Nov.	2
—Coal and the power pools, January	4
—Flag is still flying, Little Man, The December	6
—Forecast 2000 A.D., February	8
—Free enterprise and the profit motive, August	6
—How green is the grass? April	6
—Just who is right? October	6

—Meet the newest member of our staff (George R. Eadie), June	6
—Nostalgia, March	6
—Partners in progress, May	10
—Summertime and first aid, July	6
Continuous & conventional mining units team up at Hampton 4 (Westmoreland Coal Co.), December	18
Cyclo-Cells sharpen fine coal cleaning (Mathies Coal Co.), December	22

—Pennsylvania solves the mine mechanics shortage (MDT Act), November	20
"Huntrider" transport system features unusual design, March	36

D

Dannenberg, Joe	
—How much did ANFO lower the highway? June	22
Dense media plant processes culm bank material, May	34
Dense media units give one-two punch to Chinook refuse, October	36
Doverspike Bros. Coal Co., Dora No. 2 Mine, Dora, Pa., October	40
Dunn, Stephen F.	
—Coal's future has a bright outlook, February	22

Illinois Mining Institute, 72nd annual meeting, January	36
Illinois pioneers in coal geology research, August	31
Inland Steel Co., Wheelright, Ky. (Airdox shooting), September	36

E

Eadie, George R.	
—At Beatrice Mine: It's a quarter-mile down to virgin coal!, September	20
—Cyclo-Cells sharpen fine coal cleaning (Mathies Coal Co.), December	22
—New conveyor improves recovery at Dora No. 2 Mine (Doverspike Bros.), October	40
—Oil filtration and tailoring cut costs at Sunbeam, November	35
—Planning guarantees top production at Southwestern's Captain Mine, August	16

F

Fazio family puts life into Panther Valley, June	36
Flag is still flying, Little Man, The (Comment), December	6
Flexible tractor shovel and dozer handle coke plant's many chores (Westmoreland Coal Co.), Nov.	32
For best high voltage results, watch for improper termination, poor coupling, September	39
Forecast 1965, February	21
Forecast 2000 A.D. (Comment), February	8
Free enterprise and the profit motive (Comment), August	6

G

Gandy, Jr., Harry	
—Can we control coal mine safety trends? February	26
Goode, Claude A.	
—New Sterling Smokeless plant serves 12 independent mines, April	34
Grand Forks Lignite Research Laboratory, USBM, July	35
Greasing the 3850-B is a big job, June	32
Greenwood Stripping Corp., Tamaqua, Pa., June	36

H

Hanna Coal Co., Div. Consolidation Coal Co., Ireland Mine, Moundsville, W. Va., January	26
Hewes, Robert B.	
—Dense media plant processes culm bank material, May	34
High capacity keynotes Southwestern's prep plant, August	20
Holland, Charles T.	
—Want to improve your safety record? November	27
How green is the grass? (Comment), April	6
How much did ANFO lower the high-wall? June	22
Hunt, Joseph W.	
—Fazio family puts life into Panther Valley, June	36

Kaiser Steel Corp., Sunnyside Mine, Sunnyside, Utah, May	26
Kerry Coal Co., Butler County, Pa., near Portersville, July	22

L

Let's take a good look at modern fuses, August	26
Let the computer boss your section operations, July	30
Lignite Symposium, Bismarck, N. D., April 29-30, July	35
Lindsay, George C.	
—Sunnyside benefits from longwall experience, May	26
Loading equipment sales rise, cleaning equipment drops-in '64, February	29

M

Maintenance	
—For best high voltage results, watch for improper termination, poor coupling, September	39

ANNUAL INDEX, Vol. 2 <<<

A

Acid mine drainage experts turn spotlight on research, July	40
Ahrenholz, H. William	
—Alabama offers post-graduate training to mining engineers, September	32
AIMM 94th annual meeting held in Chicago, May	42
Air shooting: The key to successful conventional operation (Inland Steel Co.), September	36
Alabama offers post-graduate training to mining engineers, September	32
Alabama, University of, School of Mines, University, Ala., Sept.	32
AMC releases 1965 Coal Show preliminary program, April	30
American Institute of Mining, Metallurgical and Petroleum Engineers, 94th annual meeting, May	42
American Mining Congress	
—AMC releases 1965 Coal Show preliminary program, April	30
Anderson, R. L.	
—Loading equipment sales rise, cleaning equipment drops-in '64, February	29
Are vehicle horsepower ratings under? November	34
At Beatrice prep plant: Latest techniques used to process metallurgical coal, September	24
At Beatrice mine: It's a quarter-mile down to virgin coal!, September	20
Automation	
—Britain's "mine of the future" goes into production (Bevercotes), November	16
Arshire Collieries, Chinook Mine, Clay County, Ind., October	34

B

Beatrice Pocahontas Co., Beatrice Mine, Oakwood, Va., September	20
Beatrice Pocahontas Co., Beatrice Mine prep. plant, September	24
Biggest shovel takes over at River King Mine, March	26
Bin level indicator handles variety of conditions (Quantimeter), December	32
Brace yourself—there are some rough times ahead (Comment), September	6
Bremer, T. J.	
—For best high voltage results, watch for improper termination, poor coupling, September	39
Britain points the way (Comment), November	2
Britain's "mine of the future" goes into production (Bevercotes), November	16
Bulk rockdusting promotes safety, April	22

C

Can coal bear the burden of waterway tolls? May	36
Can we control coal mine safety trends? February	26
Carman, C. O.	
—Understanding roof action is imperative in longwall mining, March	38
Charlotte Coal Co., Jefferson County, Ohio, near Bloomingdale, July	24
Cleorn, Charles G.	
—Rectifiers differ in their maintenance requirements, April	18
C&P takes the NCPC press tour, December	26
Coal and the power pools (Comment), January	4
Coal's contribution to a better America: Mined land conservation, June	28
Coal's future has a bright outlook, February	22
Coal's problems, prospects, color NCA convention, August	36
Coal Mining Institute of America, 78th annual meeting, February	37
Coal to earn larger share of future U. S. energy consumption, Part 1, April	25
Comment	
—Brace yourself—there are some rough times ahead, September	6
—Britain points the way, Nov.	2
—Coal and the power pools, January	4
—Flag is still flying, Little Man, The December	6
—Forecast 2000 A.D., February	8
—Free enterprise and the profit motive, August	6
—How green is the grass? April	6
—Just who is right? October	6

—Meet the newest member of our staff (George R. Eadie), June	6
—Nostalgia, March	6
—Partners in progress, May	10
—Summertime and first aid, July	6
Continuous & conventional mining units team up at Hampton 4 (Westmoreland Coal Co.), December	18
Cyclo-Cells sharpen fine coal cleaning (Mathies Coal Co.), December	22

—Pennsylvania solves the mine mechanics shortage (MDT Act), November	20
"Huntrider" transport system features unusual design, March	36

D

Dannenberg, Joe	
—How much did AN/FO lower the highway? June	22
Dense media plant processes culm bank material, May	34
Dense media units give one-two punch to Chinook refuse, October	36
Doverspike Bros. Coal Co., Dora No. 2 Mine, Dora, Pa., October	40
Dunn, Stephen F.	
—Coal's future has a bright outlook, February	22

Illinois Mining Institute, 72nd annual meeting, January	36
Illinois pioneers in coal geology research, August	31
Inland Steel Co., Wheelright, Ky. (Airdox shooting), September	36

E

Eadie, George R.	
—At Beatrice Mine: It's a quarter-mile down to virgin coal!, September	20
—Cyclo-Cells sharpen fine coal cleaning (Mathies Coal Co.), December	22
—New conveyor improves recovery at Dora No. 2 Mine (Doverspike Bros.), October	40
—Oil filtration and tailoring cut costs at Sunbeam, November	35
—Planning guarantees top production at Southwestern's Captain Mine, August	16

F

Fazio family puts life into Panther Valley, June	36
Flag is still flying, Little Man, The (Comment), December	6
Flexible tractor shovel and dozer handle coke plant's many chores (Westmoreland Coal Co.), Nov.	32
For best high voltage results, watch for improper termination, poor coupling, September	39
Forecast 1965, February	21
Forecast 2000 A.D. (Comment), February	8
Free enterprise and the profit motive (Comment), August	6

G

Gandy, Jr., Harry	
—Can we control coal mine safety trends? February	26
Goode, Claude A.	
—New Sterling Smokeless plant serves 12 independent mines, April	34
Grand Forks Lignite Research Laboratory, USBM, July	35
Greasing the 3850-B is a big job, June	32
Greenwood Stripping Corp., Tamaqua, Pa., June	36

H

Hanna Coal Co., Div. Consolidation Coal Co., Ireland Mine, Moundsville, W. Va., January	26
Hewes, Robert B.	
—Dense media plant processes culm bank material, May	34
High capacity keynotes Southwestern's prep plant, August	20
Holland, Charles T.	
—Want to improve your safety record? November	27
How green is the grass? (Comment), April	6
How much did AN/FO lower the high-wall? June	22
Hunt, Joseph W.	
—Fazio family puts life into Panther Valley, June	36

Kaiser Steel Corp., Sunnyside Mine, Sunnyside, Utah, May	26
Kerry Coal Co., Butler County, Pa., near Portersville, July	22

I

Let's take a good look at modern fuses, August	26
Let the computer boss your section operations, July	30
Lignite Symposium, Bismarck, N. D., April 29-30, July	35
Lindsay, George C.	
—Sunnyside benefits from longwall experience, May	26
Loading equipment sales rise, cleaning equipment drops-in '64, February	29

M

Maintenance	
—For best high voltage results, watch for improper termination, poor coupling, September	39

—Greasing the 3850-B is a big job, June	32
—Let's take a good look at modern fuses, August	26
—Now you can splice solid woven belting, January	32
—Oil filtration and testing cut costs at Sunbeam, November	25
—Rectifiers differ in their maintenance requirements, April	18
Manpower Development & Training Act.	
November	20
Mathies Coal Co., Mathies Mine, New Eagle, Pa.	22
McClung, J. D.	
—Continuous & conventional mining units team up at Hampton 4 (Westmoreland Coal Co.), December	18
—Jensie tools up for the future, February	40
McCardy, W. A.	
—Let the computer boss your section operations, July	30
Meet the newest member of our staff (Comment)—George R. Eadie, June	6
Meeting reports	
—AIME 94th annual meeting held in Chicago, May	42
—CMIA, 78th annual meeting features safety, production and training, February	37
—Illinoian Mining Institute, over 600 attend, January	36
—Lignite Symposium, Grand Forks Lignite Research Laboratory, USBM, and University of North Dakota, April 29-30, July	35
—ME-MMA—Over 400 attend meeting, December	30
—NCA—Coal's problems, prospects, convention, August	36
—1964 Safety Congress proves eye opener, January	21
—ORSANCO—Acid mine drainage experts turn spotlight on research, July	40
—Pennsylvania Conference on Pneumoconiosis, March	31
—RMCM—Western coal men anticipate bright future through power generation, September	34
Metallurgical Coke Research at Illinois State Geological Survey, July	38
Mining Electro-Mechanical Maintenance Association	
—Over 400 attend ME-MMA meeting, December	30
Moody, Joseph E.	
—What does coal face in federal legislation? February	24

N

Nash, W. L. Graham	
—Britain's "mine of the future" goes into production (Bevercotes), November	16
—"Huntrider" transport system features unusual design, March	36
—New roadway cutting machine developed in Britain, January	34
—Usable fuel recovered from colliery waste, May	40
National Coal Association	
—48th anniversary convention, August	36
National Coal Policy Conference	
—CM&P takes the NCPC press tour, December	26
National Safety Council	
—1964 Safety Congress proves eye opener, January	21
Need to boost your balance sheet out of the doldrums? (carved-out production payments), January	24
New conveyors improve recovery at Dora No. 2 Mine (Doverspike Bros.), October	40
New portal developed for Powhatan Mine, April	32
New roadway cutting machine developed in Britain, January	34
New Sterling Smokeless plant serves 12 independent mines, April	34
1964 Safety Congress proves eye opener, January	21
North American Coal Corp., Jensie Mine, East Springfield, Ohio, February	40
North American Coal Corp., Jensie Plant, February	44
North American Coal Corp., Powhatan No. 3 Mine, Dilles Bottom, Ohio, April	32
Nostalgia (Comment), February	6
Now you can splice solid woven belting, January	32

O

Oil filtration and testing cut costs at Sunbeam, November	25
ORSANCO, July	40

Over 400 attend ME-MMA meeting, December	30
Over 500 attend Illinois Mining Institute meeting, January	36
P	
Partners in progress (Comment), May	10
Peabody Coal Co., River King Mine, Freeburg, Ill., March	26
Peabody Coal Co., River King Mine, Lenzburg, Ill., June	32
Peabody Coal Co., Mt. Harris Mine, Hayden, Colo., July	26
Peabody coal powers western Colorado, July	26
Pennsylvania conference launches an attack on pneumoconiosis, March	31
Pennsylvania solves the mine mechanics shortage (MDT Act), November	20
Planning guarantees top production at Southwestern's Captain Mine, August	16
Preparation	
—At Beatrice prep plant: Latest techniques used to process metallurgical coal, September	24
—Bin level indicator handles variety of conditions (Quantimeter), December	32
—Cyclo-Cells sharpen fine coal cleaning (Mathies Coal Co.), December	22
—Dense media plant processes culm bank material, May	34
—Dense media units give one-two punch to Chinook refuse, October	36
—High capacity keynotes Southwestern's prep plant, August	20
—New Sterling Smokeless plant serves 12 independent mines, April	34
—Redesigned plant incorporates unusual features (Jensie), February	44
—Spotlight on screening, October	19
—Screening is an "art," October	20
—Scrubbers keep Southwestern clean, November	30
—Shaking screens size a lot of coal, Oct.	22
—Vibrating screens: Today's preparation workhorses, October	24
—Which screening surface should you choose? October	31
R	
Rectifiers differ in their maintenance requirements, April	18
Redesigned plant incorporates unusual features, February	44
Regional forecasts follow national trend, February	28
Research	
—Acid mine drainage experts turn spotlight on research, July	40
—Illinois pioneers in coal geology research, August	31
—Metallurgical Coke Research at Illinois State Geological Survey, July	38
Risser, Hubert E.	
—Coal to earn larger share of future U. S. energy consumption, Part 1, April	25
—Trends in the use, cost and competitive position of fossil fuels, Part 2, May	22
Rocky Mountain Coal Mining Institute, 61st annual meeting, September	34
S	
Safety	
—Bulk rockdusting promotes safety, April	22
—Can we control coal mine safety trends? February	26
—CMIA meeting features safety, production & training, February	37
—1964 Safety Congress proves eye opener, January	21
—Want to improve your safety record? November	27
Sandy, Ernest J.	
—Want to improve your safety record? November	27
Sarf, C. L.	
—We've learned to live with a-c at Ireland, January	26
Sarten, Donald D.	
—Peabody coal powers western Colorado, July	26
Screening is an "art" (Spotlight on Screening), October	20
Scrubbers keep Southwestern clean, November	30
78th annual CMIA meeting features safety, production & training, February	37
Shaking screens size a lot of coal (Spotlight on Screening), October	22
Simon, Jack A.	
—Illinois pioneers in coal geology research, August	31
Simoneaco Ltd., Carlisle, England, May	40
Southwestern Illinois Coal Corp., Captain Mine, Perry County, Ill., August	16

Southwestern Illinois Coal Corp., Captain Mine prep plant, August	20
Southwestern Illinois Coal Corp., Captain Mine prep plant, Cutler, Ill., November	30
Spotlight on screening, October	19
—Screening is an "art"	22
—Shaking screens size a lot of coal	22
—Vibrating screens: Today's preparation workhorses	24
—Which screening surface should you choose?	31
State Coal Co., Shamokin, Pa., May	34
Stearn, Enid W.	
—Acid mine drainage experts turn spotlight on research, July	40
—Can coal bear the burden of waterway tolls? May	30
—CM&P takes the NCPC press tour, December	26
—Need to boost your balance sheet out of the doldrums? (carved-out production payments), January	24
—UMWA, The, September	28
—Would you want an atomic power plant for a neighbor? March	20
Sterling Smokeless Coal Co., Whithby Plant, April	34
Stock, Paul C.	
—Let's take a good look at modern fuses, August	26
Sullivan, G. Don	
—Coal's contribution to a better America: Mined land conservation, June	28
Sumertime and first aid (Comment), July	6
Sunbeam Coal Corp., Boyers, Pa., November	25
Sunnyside benefits from longwall experience, May	26
Surface mining	
—Biggest shovel takes over at River King Mine, March	26
—Coal's contribution to a better America: Mined land conservation, June	28
—Eminio family puts life into Panther Valley, June	28
—How much did ANFO lower the highwall? June	32
—Peabody coal powers western Colorado, July	22
—Planning guarantees top production at Southwestern's Captain Mine, August	16
—They're augering around the mountain, July	20
—What's ahead for surface mining? June	18
T	
They're augering around the mountain, July	20
Tri-State Coal Co., The, Wellsburg, W. Va., July	25
Trends in the use, cost and competitive position of fossil fuels, Part 2, May	22
U	
UMWA, The (United Mine Workers of America), September	28
Underground mining	
—Air shooting: The key to successful conventional operation (Inland Steel Co.), Sept.	36
—At Beatrice Mine: It's a quarter-mile down to virgin coal, September	20
—Britain's "mine of the future" goes into production (Bevercotes), November	16
—Continuous & conventional mining units team up at Hampton 4 (Westmoreland Coal Co.), December	18
—Jensie tools up for the future, February	40
—New conveyors improve recovery at Dora No. 2 Mine (Doverspike Bros.), October	40
—New portal developed for Powhatan Mine, April	32
—New roadway cutting machine developed in Britain, January	34
—Sunnyside benefits from longwall experience, May	26
—Understanding roof action is imperative in longwall mining, March	38
United Mine Workers of America, September	28
University of North Dakota, Grand Forks, N. D., July	35
Usable fuel recovered from colliery waste, May	40

Please turn page

ANNUAL INDEX

continued from page 49

V

Vibrating screens: Today's preparation workhorses (Spotlight on Screening), October 24

W

Want to improve your safety record? November 27

Western coal men anticipate bright future through power generation (RMCMI), September	34
West Kentucky Coal Co., East Diamond Mine, Hopkins County, Ky., April	22
West Kentucky Coal Co., East Diamond Mine, Hopkins County, Ky., January	16
West Kentucky Coal modernizes East Diamond, January	16
Westmoreland Coal Co., Hampton No. 4 Mine, Boone & Logan Counties, W. Va., December	18
Westmoreland Coal Co., Pine Branch Mine, Big Stone Gap, Va., November	32
We've learned to live with a-c at Ireland, January	26
What does coal face in federal legislation? February	24

What's ahead for surface mining? June	18
Where are we heading in coal research? February	33
Which screening surface should you choose? (Spotlight on Screening), October	31
Will lignite spark industrial development in the Northern Plains? July	35
Would you want an atomic power plant for a neighbor? March	20

XYZ

Young, W. H.	
—Loading equipment sales rise, cleaning equipment drops-in '64, February	29

A preview of January's "Forecast" section

One definition of the term, *Forecast*, is "to predict some future event or condition as a result of rational study and analysis of available pertinent data." Obviously, the most desirable forecasts are those made by individuals who are specialists and have devoted much time to the study of those areas they represent. We believe that the *Forecast '66* section in the January issue of COAL MINING & PROCESSING is comprised of such reports.

Starting off will be a review of production for 1964 and 1965 in the bituminous coal-lignite and anthracite industries, and a prediction of what to expect in 1966. This report was developed specifically for COAL MINING & PROCESSING by one of the topnotch statisticians associated with the coal industry, and we are confident that it will be as accurate in predicting 1966 production as any that may be offered.

Again Joe Moody of National Coal Policy Conference gives us a preview of what to expect in legislation affecting the coal industry that may be offered in Congress next year. This report will alert industry leaders as to where they should concentrate their efforts to either combat harmful legislation or support programs that are definitely needed for our future welfare.

John H. K. Shannahan, president of the Electric Heating Association, discusses the future of that type of energy application. This is a pertinent topic inasmuch as electric heating is tied to the use of coal by electric utilities.

One of the areas where coal is and will continue to be under attack in the immediate future is that of air pollution. For a report on the nature of this problem and what is being done to correct it, we persuaded Jim Garvey, president of Bituminous Coal Research, to discuss what his organization is doing and what we may expect from those efforts.

Ever since the Office of Coal Research was established in 1961 the efforts of that organization to develop through research new or increased uses of coal has been of major interest to our industry. A COAL MINING & PROCESSING staff-developed report describes current research activities and contracts that will lead to immediate future programs.

Finally, Harry N. Cook, managing director of National Waterways Conference, presents the case for inland waterways, a vital transportation means as far as coal is concerned. Pending Federal legislation could affect waterway transportation adversely, and coal would feel the economic effect immediately.

